

ABSTRACT

A zoom lens apparatus includes a first optical lens group having a negative focal length, a second optical lens group having a positive focal length, and a third optical lens group having a negative focal length, arranged in this order from a subject. The lens groups move such that a distance between the first and second optical lens groups is decreased and a distance between the second and third optical lens groups is increased at a scaling change to a long focal length edge. The second optical lens group includes two positive lenses, a negative meniscus lens, and a positive meniscus lens. The zoom lens system satisfies an inequality condition $0.15 < (N_{22} - N_{23}) < 0.40$, in which N_{22} is a refractive index of the negative meniscus lens and N_{23} is a refractive index of the positive meniscus lens conjoined with the negative meniscus lens.